Aimtec
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September 11th, 2026

Product Change Notification

PCN #: AM20260911-3

Issue Date: September 11th, 2026

Products series affected: AM10GH-LPZ series

Product list: AM10GH-2403SLPZ, AM10GH-2405SLPZ, AM10GH-2406SLPZ, AM10GH-2409SLPZ, AM10GH-2412SLPZ, AM10GH-2415SLPZ, AM10GH-2424SLPZ, AM10GH-2415DLPZ.

Effective Date: All part numbers listed in the above product list from the AM10GH-LPZ series shipping from Aimtec as of the issue date of this PCN.

Description of change: The AM10GH-LPZ series has been updated as described in ANNEX 1 and ANNEX 2.

ANNEX 1 applies to all part numbers listed in the above product list. The affected models have been updated with revised efficiency, input current, on/off control, isolation voltage, voltage accuracy, line regulation, load regulation, ripple & noise, over current protection, switching frequency, weight, derating, typical application circuit, EMC recommended circuit and dimensions specifications.

ANNEX 2 provides details of parameter specific updates. Each change is applicable only to the identified models or model groups. The revised specifications for maximum capacitive load are detailed in ANNEX 2.

Reason for change: These changes have been implemented due to the EOL of critical raw materials.

Customer Impact: Certain customers may be impacted by these changes in the specifications. Aimtec recommends reviewing the datasheet and testing samples as necessary.

Package Diagram: N/A

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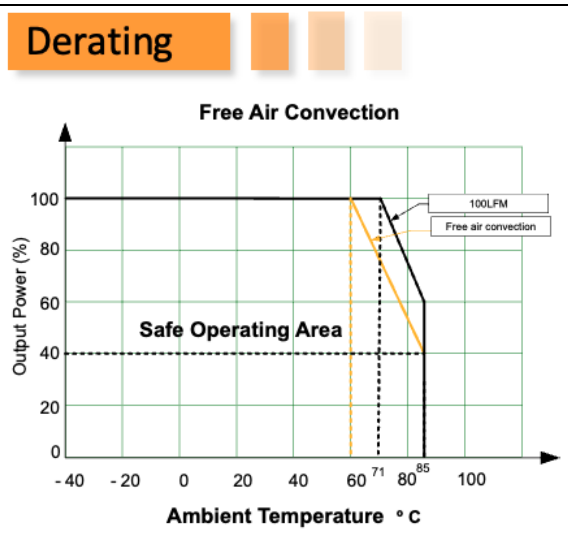
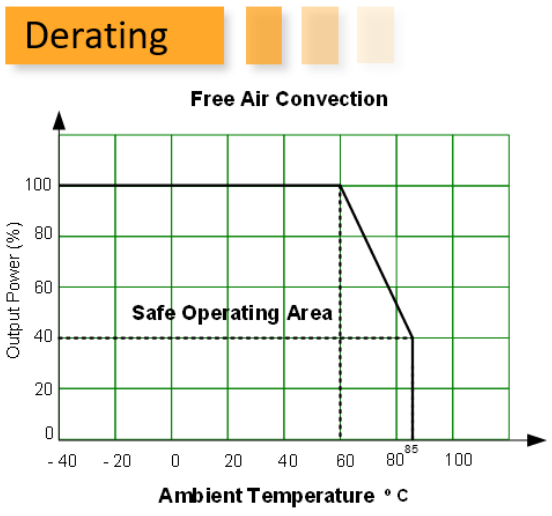
ANNEX 1

Changes applicable to all part numbers listed in the product list

Parameter	Updated AM10GH-LPZ	OLD AM10GH-LPZ
Efficiency	82~87% typ.	82~86% typ.
Input current	24Vin models: 521mA max.	24Vin models: 474mA max.
No load input current	24Vin models: 18mA max.	24Vin, 5Vout models: 25mA typ. 24Vin, others: 9mA typ.
ON/OFF control	ON: pin open or logic high (2.7V ~ 12V)	ON: pin open or logic high (3.5V ~ 12V)
Isolation voltage	Input/Output, 60 sec, 1mA: ≥1600VDC typ.	Input/Output, 60 sec, 1mA: ≥1500VDC typ.
Voltage accuracy	5~100% load, main output: ±1.0% typ. ±3.0% max. 5~100% load, other output: ±3.0% typ. ±5.0% max.	0~100% load: ±1.0% typ. ±2.0% max.
Line regulation	Full load, main output: ±0.2% typ. ±0.5% max. Full load, other output: ±0.4% typ. ±1.0% max.	Full load: ±0.5% typ. ±1.0% max.
Load regulation	5~100% load: ±1.0% typ. ±2.0% max. 0~100% load: ±2.0% typ. ±4.0% max.	5~100% load: ±0.5% typ. ±1.5% max.
Ripple & noise	20MHz bandwidth, 5~100% load: 100mV p-p typ. 150mV p-p max.	20MHz bandwidth, 5~100% load: 75mV p-p typ. 150mV p-p max.
Over current protection	180% Iout typ.	160% Iout typ.
Switching frequency	100% load: 300KHz	100% load: 500KHz
Weight	4.5g typ.	4.9g typ.
Derating		

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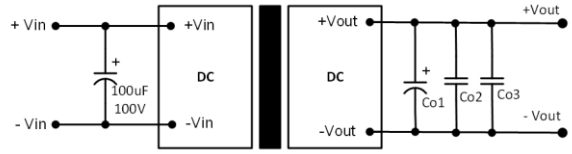
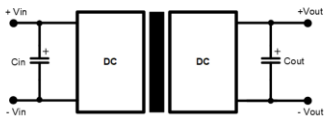
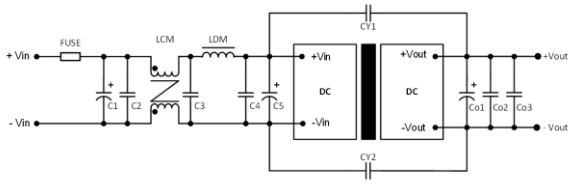
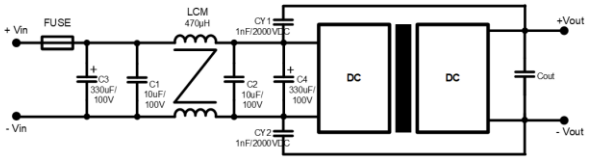
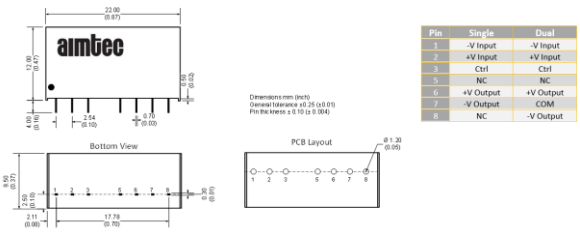
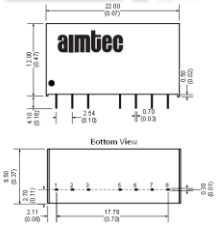
Typical application circuit	**Typical Application Circuit** Typical application circuit is to further lower the input and output ripple. It is not required for general use. For dual output models, output capacitors are connected to each output.  	**Typical Application Circuit** 
EMC recommended circuit	**EMC Recommended Circuit**  Fuse to be selected according to application needs. Output components refer to Typical Application Circuit.	**Recommended EMC Circuit** 
Dimensions	**Dimensions**  	**Dimensions** 

ANNEX 2

Changes applicable to specific models or model groups

Parameter	Updated AM10GH-LPZ	OLD AM10GH-LPZ
Maximum capacitive load	AM10GH-2406SLPZ: 1800μF AM10GH-2415DLPZ: ±220μF	AM10GH-2406SLPZ: 1500μF AM10GH-2415DLPZ: 100μF